

## **Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A method for energy consulting on the selection and implementation of energy generation systems components using volume pricing and forecasted demand aggregation, comprising the steps of:

- (a) collecting and storing, in a database, energy system component data, including volume pricing data, from a plurality of suppliers;
- (b) collecting and storing, in a database, energy demand data and site resource data from one individual customer and from a plurality of potential customers; ~~on energy usage from at least one customer and energy system supply data from a plurality of suppliers;~~ (b)
- (c) calculating and providing a proposed energy system configuration and proposed price for the purchase and installation of an energy generation system for the individual customer, which configuration and price are based upon (i) the type of system proposed to the individual customer, (ii) usage and climate data for the individual customer, (iii) the volume pricing data for the system components, and (iv) regulatory data appropriate to the customer's location; ~~reporting the availability and costs of energy systems which accommodate some or all of the energy usage expected by the customer;~~ (c)
- (d) ~~receiving a commitment from the individual customer to purchase the at least one energy system at the proposed price when an aggregate of customer commitments for the components used in the proposed system permits the volume pricing data to support the proposed price;~~ and
- ~~(d) (e) arranging for the purchase and installation of the purchased energy system.~~

2-3 (canceled)

4. (currently amended) The method of claim 12, in which the site resource data on site resources comprise data on customer geographic location, orientation of structures, access to an electric power grid, availability of sunlight, availability of space for photovoltaic cells, availability of wind, availability of space for wind turbines, availability of hydrogen-based fuels, availability of space for fuel cells, applicable utility tariffs and applicable governmental regulations.

5. (canceled)

6. (currently amended) The method of claim 13, in which each energy generation system comprises at least one of the following technologies: photovoltaic, wind turbine, fuel cell, batteries, geothermal, passive solar, biomass, and micro-hydro systems.

7. (original) The method of claim 1, in which each customer comprises any one of the following: private homeowner, multiple dwelling unit owner, business owner, government, governmental agency, refugee assistance project, disaster-relief project, economic development project and foundation.

8. (currently amended) The method of claim 21, in which each site comprises any one of the following: private homeowner, multiple dwelling unit owner, business owner, government, governmental agency, refugee assistance project, disaster-relief project, economic development project and foundation.

9. (currently amended) The method of claim 1, in which the energy demand data on energy usage and site resource data is collected interactively from an Internet Web site.

10-11 (canceled)

12. (currently amended) The method of claim 1, in which at least one of the potential

customers is kept informed of changes ~~or and~~ new developments in available energy systems, costs and financing options through automatic email alerts.

13. (currently amended) The method of claim 1, in which the need to expend capital to visit the individual customer's site and the purchase of any system components is time-shifted until after the individual customer has committed to purchase an energy generation system, and until after the aggregate of customer commitments for the components used in the proposed system permits the volume pricing data to support the proposed price.

14. (currently amended) The method of claim 1, in which ~~calculating and reporting the availability and costs of energy systems is based on aggregating the demand for components across the potential customers are differently situated potential customers, e.g. residential, business, disaster-relief, refugee assistance, economic development.~~

15. (original) The method of claim 1, in which arranging the purchase and installation of the purchased energy system includes automating the process of matching customers with trained specialists, such as specifiers, installers, and/or electricians.

16. (cancel)

17. (currently amended) The method of claim 1, in which the costs of energy systems are reduced by organizing customers in the database or environmental organizations to advocate politically for regulatory changes, by inviting customers to participate in lobbying activities designed to persuade their local government to enact incentives that will lower the price of energy generation systems for them, ~~or and~~ to enact legislation to require their local utility to buy back, at the retail rate, energy generated without causing pollution.

18. (currently amended) The method of claim 1, in which the number of potential customers is increased by organizing customers in the database or environmental organizations to

advocate politically for regulatory changes which reduce the cost of energy generation systems, by inviting customers to participate in lobbying activities designed to persuade their local government to enact incentives that will lower the price of energy systems for them, ~~or~~ and to enact legislation require their local utility to buy back, at the retail rate, energy generated without causing pollution.

19. (currently amended) The method of claim 1, in which the number of potential customers is increased by using the benefits to society of non-polluting energy systems to facilitate organizing customers, volunteers, politicians, and celebrities to generate unpaid publicity and advertising of the website, by inviting others to participate in outreach programs and in spreading messages regarding energy alternatives through volunteer work, referring others to the system, ~~or~~ and participating in generating additional press and publicity.

20. (currently amended) The method of claim 1, in which the costs of energy systems are reduced by using the benefits to society of non-polluting energy systems to facilitate organizing customers, volunteers, politicians, and celebrities to generate unpaid publicity and advertising of the website, by inviting others to participate in outreach programs and in spreading messages regarding energy alternatives through volunteer work, referring others to the system, ~~or~~ and participating in generating additional press and publicity.

21. (original) The method of claim 1, in which the costs of energy systems are reduced by reducing the costs of customer acquisition by encouraging the customer to contribute contact information of others via the website in return for a commission on sales resulting from such others.

22. (original) The method of claim 1, in which the costs of energy systems are reduced each time the underlying technologies (photovoltaic, fuel cells, wind turbines, etc.) undergo technological improvement and the newer more capable or less costly variations are added to the energy system supply component data.

23. (currently amended) A computer-assisted system for energy consulting on the selection and implementation of energy generation systems components using volume pricing and forecasted demand aggregation, comprising:

- (a) an interface configured to collect and store, in a database, energy system component usage data, including volume pricing data, from a plurality of suppliers from at least one customer for at least one site;
- (b) an interface configured to collect and store, in a database, energy demand data and site resource data from one individual customer and from a plurality of potential customers; configured to collect energy system supply data from a plurality of suppliers;
- (c) a computer-implemented system for calculating and providing a proposed energy system configuration and proposed price for the purchase and installation of an energy generation system for the individual customer, which configuration and price are based upon (i) the type of system proposed to the individual customer, (ii) usage and climate data for the individual customer, (iii) the volume pricing data for the system components, and (iv) regulatory data appropriate to the customer's location; reporting the availability and costs of energy systems that accommodate some or all of the energy usage expected by the customer;
- (d) a system for receiving a commitment from the individual customer to purchase the at least one energy system at the proposed price when an aggregate of customer commitments for the components used in the proposed system permits the volume pricing data to support the proposed price; and
- (e) a system for arranging the purchase and installation of the purchased energy system.

24-25. (canceled)

26. (currently amended) The system of claim 24-23, in which the data on site resources comprise data on customer geographic location, orientation of structures, access to an electric power grid, availability of sunlight, availability of space for photovoltaic cells, availability of wind, availability of space for wind turbines, availability of hydrogen-based fuels, availability of

space for fuel cells, applicable utility tariffs and applicable governmental regulations.

27. (canceled)

28. (currently amended) The system of claim 25 23, in which each energy generation system comprises at least one of the following technologies: photovoltaic, wind turbine, fuel cell, batteries, geothermal, passive solar, biomass, and micro-hydro systems.

29. (original) The system of claim 23, in which each customer comprises any one of the following: private homeowner, multiple dwelling unit owner, business owner, government, governmental agency, refugee assistance project, disaster-relief project, economic development project and foundation.

30. (currently amended) The system of claim 23, in which said site comprises any one of the following: private home, multiple dwelling unit, business structure, government structure, governmental agency structure, refugee assistance project, disaster-relief project, economic development project and foundation.

31. (currently amended) the system of claim 23, in which the interface configured to collect energy usage data comprises an interactive Internet Web site.

32. (canceled)

33. (canceled)

34. (currently amended) The system of claim 23, further including means for keeping the at least one potential -customer informed of changes ~~or~~ and new developments in available energy systems, costs and financing options through automatic email alerts.

35. (currently amended) The system of claim 23, further including means for time-shifting the need to expend capital to visit the individual customer's site and the need to purchase any system components until the volume pricing data supports the proposed price. ~~collection of energy usage data until after the customer has committed to purchase an energy generation system.~~

36. (currently amended) The system of claim 23, in which the ~~system for calculating and reporting the availability and costs of energy systems includes means for aggregating the demand for components among potential customers are differently situated potential customers, e.g. residential, business, disaster-relief, refugee assistance, economic development.~~

37. (currently amended) The system of claim 23, in which the system for arranging the purchase and installation of the purchased energy system includes means for automating the process of matching customers with trained specialists, such as specifiers, installers, ~~and/or and~~ electricians.

38. (canceled)

39. (currently amended) The system of claim 23, further including means for reducing the costs of energy systems, including means for organizing customers in the database or environmental organizations to advocate politically for regulatory changes, including means for inviting customers to participate in lobbying activities designed to persuade their local government to enact incentives that will lower the price of energy systems for them, ~~or and to enact legislation require their local utility to buy back, at the retail rate, energy generated without causing pollution.~~

40. (currently amended) The system of claim 23, further including means for increasing ~~a~~ the number of potential customers by organizing customers in the database or environmental organizations to advocate politically for regulatory changes which reduce the cost of energy

systems, including means for inviting customers to participate in lobbying activities designed to persuade their local government to enact incentives that will lower the price of energy systems for them, ~~or and~~ to enact legislation require their local utility to buy back, at the retail rate, energy generated without causing pollution.

41. (currently amended) The system of claim 23, further including means for increasing a the number of potential customers by using the benefits to society of non-polluting energy systems to facilitate organizing customers, volunteers, politicians, and celebrities to generate unpaid publicity and advertising of the website, including means for inviting others to participate in outreach programs and in spreading messages regarding energy alternatives through volunteer work, referring others to the system, ~~or and~~ participating in generating additional press and publicity.

42. (currently amended) The system of claim 23, further including means for reducing the costs of energy systems by using the benefits to society of non-polluting energy systems to facilitate organizing customers, volunteers, politicians, and celebrities to generate unpaid publicity and advertising of the website, including means for inviting others to participate in outreach programs and in spreading messages regarding energy alternatives through volunteer work, referring others to the system, ~~or and~~ participating in generating additional press and publicity.

43. (original) The system of claim 23, further including means for reducing the costs of customer acquisition by way of means for encouraging the customer to contribute contact information of others via the website in return for a commission on sales resulting from such others.

44. (original) The system of claim 23, further including means for reducing the costs of energy systems each time the underlying technologies (photovoltaic, fuel cells, wind turbines, etc.) undergo technological improvement and the newer more capable or less costly variations are

added to the energy system supply component database data.

45. (currently amended) A ~~The~~ -method of claim 1, further including the step of for marketing energy related products or services, comprising the steps of: (a) using a Web site to collect data from at least one customer of energy related products or services and to collect data from a plurality of suppliers of energy related products or services; (b) calculating and reporting the availability and costs of energy related products or services; and (c) encouraging the at least one potential customer to contribute contact information of others ~~via~~ the Web site in return for a commission on sales resulting from such others, so as to increase aggregate demand, lower the costs of the energy systems, and to increase environments benefits to society.

46. (currently amended) The method of claim 23, further comprising A computer-assisted system for marketing energy related products or services, comprising (a) means for using a Web site to collect data from at least one customer of energy related products or services and to collect data from a plurality of suppliers of energy related products or services; (b) means for calculating and reporting the availability and costs of energy related products or services; and (c) means for encouraging the at least one potential customer to contribute contact information of others ~~via~~ the Web site in return for a commission on sales resulting from such others, so as to increase aggregate demand, lower the costs of the energy systems, and to increase environmental benefits to society.

47. (currently amended) A method for creating markets for non-polluting energy generation technologies, comprising the steps of:

(a) collecting data on energy usage from at least one customer and energy system supply data from a plurality of suppliers; (b) calculating and reporting the availability and costs of energy systems which accommodate some or all of the energy usage expected by the customer; (c) receiving a commitment from the customer to purchase at least one energy system; and (d) arranging the purchase and installation of the purchased energy system.

(a) collecting and storing, in a database, energy system component data, including volume

pricing data, from a plurality of suppliers;

(b) collecting and storing, in a database, energy demand data and site resource data from one individual customer and from a plurality of potential customers;

(c) calculating and providing a proposed energy system configuration and proposed price for the purchase and installation of an energy generation system for the individual customer, which configuration and price are based upon (i) the type of system proposed to the individual customer, (ii) usage and climate data for the individual customer, (iii) the volume pricing data for the system components, and (iv) regulatory data appropriate to the customer's location; reporting the availability and costs of energy systems which accommodate some or all of the energy usage expected by the customer;

(d) receiving a commitment from the individual customer to purchase the at least one energy system at the proposed price when an aggregate of customer commitments for the components used in the proposed system permits the volume pricing data to support the proposed price; and

(e) arranging for the purchase and installation of the purchased energy system.

48. (currently amended) A computer-assisted system for creating markets for non-polluting energy generation technologies, comprising

~~(a) means for collecting data on energy usage from at least one customer and energy system supply data from a plurality of suppliers; (b) means for calculating and reporting the availability and costs of energy systems which accommodate some or all of the energy usage expected by the customer; (c) means for receiving a commitment from the customer to purchase at least one energy system; and (d) means for arranging the purchase and installation of the purchased energy system.~~

(a) an interface configured to collect and store, in a database, energy system component usage data, including volume pricing data, from a plurality of suppliers from at least one customer for at least one site;

(b) an interface configured to collect and store, in a database, energy demand data and site resource data from one individual customer and from a plurality of potential customers;

(c) a computer-implemented system for calculating and providing a proposed energy system configuration and proposed price for the purchase and installation of an energy generation system for the individual customer, which configuration and price are based upon (i) the type of system proposed to the individual customer, (ii) usage and climate data for the individual customer, (iii) the volume pricing data for the system components, and (iv) regulatory data appropriate to the customer's location; reporting the availability and costs of energy systems that accommodate some or all of the energy usage expected by the customer;

(d) a system for receiving a commitment from the individual customer to purchase the at least one energy system at the proposed price when an aggregate of customer commitments for the components used in the proposed system permits the volume pricing data to support the proposed price; and

(e) a system for arranging the purchase and installation of the purchased energy system.

49. (currently amended) A method for marketing, consulting on, analyzing and implementing distributed, non-polluting electric power generation systems, comprising the steps of: (a) collecting data from a plurality of suppliers on the availability and costs, at various levels of demand aggregated across multiple customers, of electric power generation systems; (b) collecting data on historical electric power usage or projected electric demand, site resources, climate and electric power generation system preferences from at least one customer; (c) developing specifications of available electric power generation systems appropriate for the customer from the usage, demand, site resources, climate, preference, supply and cost data; (c) calculating and providing a proposed energy system configuration that generates less pollution than customer's current systems, and a proposed price for the purchase and installation of such energy generation system for the individual customer, which configuration and price are based upon (i) the type of system proposed to the individual customer, (ii) usage and climate data for the individual customer, (iii) the volume pricing data for the system components, and (iv) regulatory data appropriate to the customer's location; (d) reporting at least one proposed installation of an electric power generation system to customer that is cost effective and generates less pollution than customer's current systems and soliciting approval of such proposal;